

FIG.1

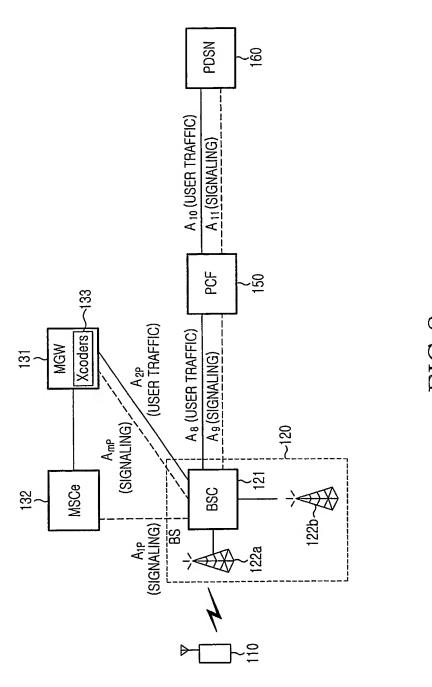


FIG.Z

IOS A1p	IOS A1p	EVRC/SMV	EVRC/SMV	IOS Amp	IOS Amp
SUA	SCCP	FP	FP		
COTO	M3UA	RTP*	GRE*		
SCTP	SCTP	UDP	unc.	SCTP	TCP/UDP
IP	IP	ΙP	IP	ΙP	ΙP
L2	L2	L2	L2	L2	L2
L1	L1	L1	L1 L1		L1
Case1	Case2	Case1	Case2	Case1	Case2
A1p int	erface	A2p int	erface	Amp in	terface .

FIG.3

Information Element	Element Direction	Type
Message Type	BSC -> MGW	М
Reverse Layer 3 Data	BSC -> MGW	· O
Message CRC	BSC -> MGW	М

FIG.4A

Octet	1	2	3	4	Variable	u	Variable
0		ırval					
1	NS	n Time Inte	_				
2	FSN	Rate Reduction Time Interval	Packet Arrival Time Error		/er 3 fill		y Traffic
3		Ra	acket Arriva	ontent	Reverse Link Information + Layer 3 fill	£	Signaling Message / Secondary Traffic
7	Data-In clusion	BB Indicator	ď.	Frame Content	Link Inform	Length	Message /
9	tor	Rate			Reverse		Signaling
9	Codec_Indicator	Required Reduced Frame Number	Scaling				
7	ပိ	Rec Rec Frame	Sca				

FIG.4B

Information Element	Element Direction	Type
Message Type	MGW -> BSC	М
Reverse Layer 3 Data	MGW -> BSC	0
Message CRC	MGW -> BSC	М

FIG.5A

Octet	-	3	2	Variable
0	-			
-	Z.			
2	FSN	Packet Arrival Time Error		er 3 fill
3		acket Arriva	ntent	ation + Lay
4	Rate_ Reduction AcK	ď	Frame Content	Forward Link Information + Layer 3 fill
5	ator			Forward
9	Codec_Indicator	Scaling		
7	Ŏ	Sca		

FIG.5B

Octet	-	2
0		(LSB)
2		
3		
4	CRC	
5		
9		
7	(MSB)	(F3B)

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Information Element	Element Direction	Туре	
Message Type(Amp)	MGW -> BSC	М	
Call Connection Reference	MGW -> BSC	0	R
Mobile Identity(IMSI)	MGW -> BSC	0	R
Mobile Identity(ESN)	MGW -> BSC	0	С
A2p Bearer ID	MGW -> BSC	0	С
Rate Reduction Information	MGW -> BSC	0	R

FIG.7A

Information Element	Element Direction	Type	
Message Type(Amp)	MGW -> BSC	М	
Call Connection Reference	MGW -> BSC	0	R
Mobile Identity(IMSI)	MGW -> BSC	0	R
Mobile Identity(ESN)	MGW -> BSC	0	С
A2p Bearer ID	MGW -> BSC	.O	С
Cause	MGW -> BSC	0	R

FIG.7B

7	9	5	4	3	2	1	0	Octet
පි	Codec_Indicator	tor	Reserved		FSN	N.		-
Sca	Scaling		Pé	acket Arriva	Packet Arrival Time Error	_		2
			Frame Content	ntent				3
		Reverse	Reverse Link Information + Layer 3 fill	ation + Lay	er 3 fill			Variable

FIG.8A

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7	9	2	4	3	2		1	0	Octet
Š	Codec_Indicator		Reserved	:		FSN			1
Scaling	ing		P	Packet Arrival Time Error	I Time Err	ö			3
			Frame Content	ntent					5
		Forward	Forward Link Information + Layer 3 fill	ation + Lay	er 3 fill				Variable

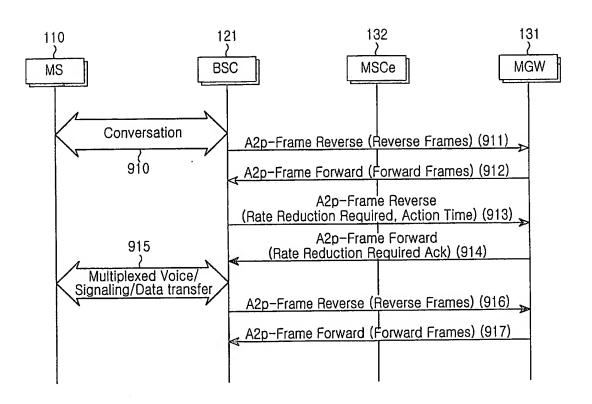


FIG.9

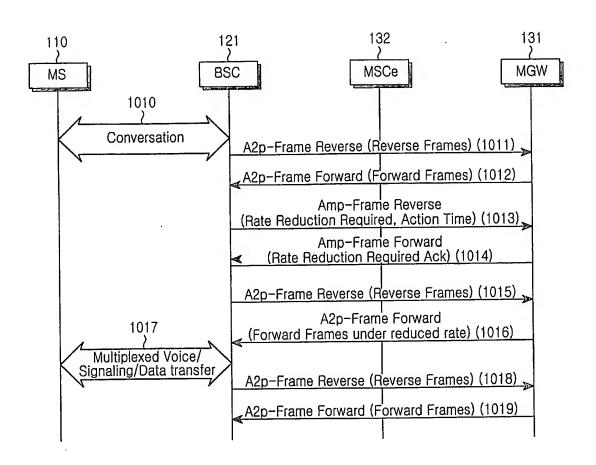


FIG.10

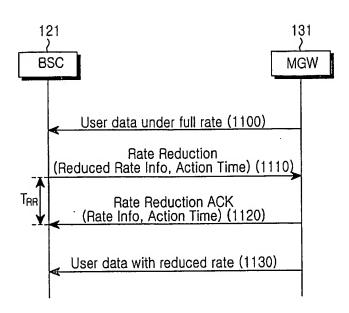


FIG.11